VI. LITERATURE CITED

- Abrams, L. 1944. Illustrated flora of the Pacific states. Stanford University Press, Stanford, CA.
- Abrams, L. 1951. Illustrated flora of the Pacific states. Stanford University Press, Stanford, CA. 866 pp.
- Ackerman, J., C. Eagles-Smith, J. Takekawa, J. Bluso-Demers, D. Tsao, and D. Le Fer. 2009. California Gull Movements in Relation to Nesting Waterbirds and Landfills: Implications for the South Bay Salt Pond Restoration Project. U.S. Geological Survey and San Francisco Bay Bird Observatory.
- Adam, P. 1990. Saltmarsh Ecology. Cambridge University Press, Cambridge, UK.
- Adams, E. 1900. Notes on the California clapper rail. Condor 2(2):31-32.
- Adelsbach, T., and T. Maurer. 2007. Dioxin toxic equivalents, PCBs, and PBDEs in eggs of avian wildlife of San Francisco Bay. U.S. Fish and Wildlife Service, Environmental Contaminants Program On-refuge Investigations.
- Albertson, J.D. 1995. Ecology of the California clapper rail in south San Francisco Bay. M.A. Thesis, San Francisco State University. 200 pp.
- Albertson, J.D., and J. Evens. 2000. California clapper rail *in:* Olofson, P.R. (ed.). Baylands Ecosystem Species and Community Profiles: life histories and environmental requirements of key plants, fish, and wildlife. Goals Project (Baylands Ecosystem Habitat Goals), San Francisco Bay Regional Water Quality Control Board, Oakland, California.
- Allison, S.K. 1992. The influence of rainfall variability on the species composition of a northern California salt marsh plant assemblage. Plant Ecology (Historical Archive) 101(2):145-160.
- American Bird Conservancy. 2006. Impacts of Feral and Free-Ranging Cats on Bird Species of Conservation Concern. A five-state review of New York, New Jersey, Flroida, California, and Hawaii. May 2006.
- American Ornithologists' Union Committee. 1957. Checklist of North American Birds, 5th Edition, Baltimore, Maryland.
- Applegarth, J.H. 1938. The ecology of the California clapper rail in the south arm of the San Francisco Bay. M.Sci. Thesis, Stanford University, Palo Alto, CA. 153 pp.
- Arrellano, E., F. X. Gonzalez-Cozátl, D. S. Rogers. 2005. Molecular systematics of Middle American harvest mice *Reithrodontomys* (Muridae), estimated from mitochondrial cytochrome b gene sequences. Molecular phylogenetics and evolution 37:529-540.
- Atwater, B.F. 1979. Ancient processes at the site of southern San Francisco Bay: movement of the crust and changes in sea level. Pp. 31-45 *in:* T.J. Conomos (ed.). San Francisco Bay: the urbanized estuary. Pacific Division, American Association for the Advancement of Science. San Francisco, CA.

- Atwater, B.F., and C.W. Hedel. 1976. Distribution of seed plants with respect to tide levels and water salinity in the natural marshes of the northern San Francisco Bay Estuary, California. US Geological Survey Open-File Report 76-389. USGS, Menlo Park, CA.
- Atwater, B.F., S.G. Conard, J.N. Dowden, C.H. Hedel, R.L. MacDonald, and W. Savage. 1979. History, landforms and vegetation of the estuary's tidal marshes *in*: Conomos, T.J. (ed.) San Francisco Bay: The Urbanized Estuary. Proc. 58th Ann. Mtg. Pacific Division of the American Association of the Advancement of Science. California Academy of Sciences.
- Avocet Research Associates. 2004. California Clapper Rail (*Rallus longirostris obsoletus*) breeding season survey, San Pablo Bay and tributaries, 2004: Final Report to Marin Audubon Society. Point Reyes Station, California. 17 pp. plus tables and appendices.
- Ayres, D.R., and D.R. Strong. 2002. The *Spartina* invasion of San Francisco Bay. ANS (Aquatic Nuisance Species) Digest 4(4):37-39 (February 2002). Available: www.spartina.org/links.htm, accessed 29-Apr-05.
- Ayres, D.R., D. Garcia-Rossi, H.G. Davis, and D.R. Strong. 1999. Extent and degree of hybridization between exotic (*Spartina alterniflora*) and native (*S. foliosa*) cordgrass (Poaceae) in California, USA determined by random amplified polymorphic DNA (RAPDs). Molecular Ecology 8: 1179-1186.
- Ayres, D.R., D.R. Strong, and P. Baye. 2003. *Spartina foliosa* (Poaceae)—a common species on the road to rarity? Madroño 50(3):209-213.
- Ayres, D.R., D.L. Smith, K. Zaremba, S. Klohr, and D.R. Strong. 2004a. Spread of exotic cordgrasses and hybrids (*Spartina* sp.) in the tidal marshes of San Francisco Bay. Biological Invasions 6:221-231.
- Ayres, D.R., K. Zaremba, and D.R. Strong. 2004b. Extinction of a common native species by hybridization with an invasive congener. Weed Technology 18:1288-1291.
- Barnhart, R.A., M.J. Boyd, and J.E. Pequenat. 1992. The ecology of Humboldt Bay, CA, an estuarine profile. U.S. Fish and Wildlife Service Biological Report 1. 121 pp.
- Bay Area Open Space Council online data
- Baye, P.R. 2000. Plants of the San Francisco Bay salt ponds *in:* Olofson, P.R. (ed.). Baylands Ecosystem Species and Community Profiles: life histories and environmental requirements of key plants, fish, and wildlife. Goals Project (Baylands Ecosystem Habitat Goals), San Francisco Bay Regional Water Quality Control Board, Oakland, California.
- Baye, P.R. 2004a. A review and assessment of potential long-term ecological consequences of the introduced cordgrass *Spartina alterniflora* in the San Francisco Bay Estuary. Report to San Francisco Estuary Invasive Spartina Project, Berkeley, CA. 42 pp. Draft, November 7, 2004.
- Baye, P.R. 2004b. Vision for restoration of South Bay Salt Ponds: dream or fugue? Special insert *in:* Save Wetlands, Newsletter of the Citizens Committee to Complete the Refuge, Issue 34, Winter 2004-2005.

- Baye, P.R. 2006. California sea-blite (*Suaeda californica*) Reintroduction Plan, San Francisco Bay, California. Prepared for U.S. Fish and Wildlife Service, Sacramento, California. 59 pages + figures.
- Baye, P.R., P.M. Faber, and B. Grewell. 1999. Tidal marsh plants of the San Francisco Bay Estuary. Sacramento, CA. U.S. Fish and Wildlife Service, Sacramento Fish and Wildlife Office.
- Baye, P.R., P.M. Faber, and B. Grewell. 2000. Tidal marsh plants of the San Francisco Estuary. *in:* Olofson, P.R. (ed.). Baylands Ecosystem Species and Community Profiles: life histories and environmental requirements of key plants, fish, and wildlife. Goals Project (Baylands Ecosystem Habitat Goals), San Francisco Bay Regional Water Quality Control Board, Oakland, California.
- Behr, H.H. 1888. Flora of the vicinity of San Francisco. San Francisco, CA.
- Bell, D. M., M. J., Hamilton, C. W. Edwards, L. E. Wiggins, R. M., Martinez, R. E., Strauss, R. D., Bradley, R. J., Baker. 2001. Patterns of karyotypic meagaevolution in Reithrodontomys: Evidence from a cytochrom b phylogenetic hypothesis. Journal of Mammalogy 82: 81-91.
- Berg, K.S. 1996. Rare plant mitigation: a policy perspective. Pp. 279-292 *in*: D. Falk, C.I. Millar, and M. Olwell (eds.). Restoring diversity: strategies for reintroduction of endangered plants. Island Press. 505 pp.
- Best, C., J.T. Howell, W. Knight, I. Knight, and M. Wells. 1996. A flora of Sonoma County. CNPS Press. 360 pp.
- Bias, M. 1994. Ecology of the salt marsh harvest mouse in the San Pablo Bay. Ph.D. dissertation. University of California, Berkeley. Berkeley, CA. 243 pp.
- Bias, M.A., and M.L. Morrison. 1993. Final report: salt marsh harvest mouse on Mare Island Naval Shipyard, 1989-1992. Unpubl. rpt. to Natural Resources Mgmt. Branch, Western Div., Naval Facilities Engineering Command. San Bruno, CA. 223. pp.
- Bias, M.A., and M.L. Morrison. 1999. Movements and home range of salt marsh harvest mice. Southwestern Naturalist 44(3):348-353.
- Blaustein, A.R. 1980. Behavioral aspects of competition in a three-species rodent guild of coastal southern California. Behavioral Ecology and Sociobiology 6(3):247-255.
- Blaustein, A.R. 1981. Population fluctuations and extinctions of small rodents in coastal southern California. Oecologia 48(1):71-78.
- Blum, J.L. 1968. Salt marsh *Spartinas* and associated algae. Ecol. Monogr. 38:199-221.
- Boorman, L.A. 1992. The environmental consequences of climatic change on British salt marsh vegetation. Wetlands Ecology and Management 2:11-21.
- Botti, F., D. Warenycia, and D. Becker. 1986. Utilization by salt marsh harvest mice *Reithrodontomys raviventris halicoetes* of a non-pickleweed marsh. Calif. Fish and Game 72:62-64.
- Brandegee, K. 1892. Catalogue of the flowering plants and ferns growing spontaneously in the city of San Francisco. Zoe 2:334-383.

- Brewer, W.H., S. Watson, and A. Gray. 1880. Geological survey of California, botany. John Wilson and Son, Cambridge, Mass. Second Edition.
- Britton, W.M., and J.M. Huston. 1973. Influence of polychlorinated biphenyls in the laying hen. Poultry Sci. 52:1620-1624.
- Broenkow, W. 1977. Tidal study of Elkhorn Slough, Moss Landing Marine Laboratories. U.S. National Oceanic and Atmospheric Administration.
- Brooks, A. 1940. The clapper rail of Morro Bay. Condor 42(2):126-127.
- Browning, B.M. 1972. The natural resources of Elkhorn Slough; their present and future use. California Department of Fish and Game: Sacramento, CA. 121 pp.
- Bryant, D.A. 1931. August field notes. Cull 13 (9):3-4.
- Bryant, H.C. 1915. California clapper rail breeds in Alameda salt marshes. California Fish and Game 1(4):192-193.
- Bryant, W.E. 1888. Birds and eggs from the Farallon Islands. Proc. Calif. Acad. Sci., 2nd Ser. 1:25-50.
- Byrne R., B.L. Ingram, S. Starratt, F. Malamud-Roam, J.N. Collins, and M.E. Conrad. 2001. Carbon-isotope, diatom and pollen evidence for late Holocene salinity change in a brackish marsh in the San Francisco Estuary. Quaternary Research 55:66-76.
- CalFlora. 2000. The CalFlora Database. http://www.calflora.org
- California Department of Fish and Game. 2005. The status of rare, threatened, and endangered plants and animals of California 2000-2004. California Department of Fish and Game, Habitat Conservation Planning Branch. http://www.dfg.ca.gov/wildlife/nongame/t_e_spp/new_te_rpt.html. Accessed: January 2006.
- California Department of Fish and Game. 2006. Restoration efforts augment range extension of a federally threatened plant, *Suaeda californica*. California Department of Fish and Game 92 (1): 39-46.
- California Department of Fish and Game. 2008. California clapper rail and California black rail Suisun Marsh Survey 2007. Final Monitoring Report for the Suisun Marsh by California Department of Fish and Game Bay-Delta Region to California Department of Water Resources. Contract #4600004374.
- California Department of Fish and Game. 2009. Spills and events: natural resource damage assessment and restoration. Office of Spill Prevention and Response. http://www.dfg.ca.gov/ospr/spill/nrda/nrda.html Viewed: January 11, 2009

- California Department of Water Resources. 1994. Summary of sensitive plant and wildlife resources in Suisun Marsh during water years 1984-1994. Environmental Services Office. 107 pp.
- California Native Plant Society. 2008. Inventory of rare and endangered plants. Online edition (v7-08d 10-05-08). http://cnps.web.aplus.net/cgi-bin/inv/inventory.cgi Viewed January 12, 2009.
- California Natural Diversity Database (CNDDB). 1997. California Department of Fish and Game.
- California Natural Diversity Database (CNDDB). 2006. California Department of Fish and Game.
- California Regional Water Quality Control Board. 2004. Annual report of the San Francisco Bay Region.
- Callaway, J.C. 1990. The introduction of *Spartina alterniflora* in South San Francisco Bay. M.A. Thesis, San Francisco State University. San Francisco, CA. 50 pages.
- Callaway, R.M. 1994. Facilitative and interfering effects of *Arthrocnemum subterminale* on winter annuals in California salt marsh. Ecology 75:681-686.
- Callaway, R.M., and C.S. Sabraw. 1994. Effects of variable precipitation on the structure and diversity of a winter annual plant community in a central California marsh. J Veg Sci 5:433-438.
- Callaway, J.C., and J.B. Zedler. 2004. Restoration of urban salt marshes: Lessons from southern California. Urban Ecosystems 7:133-150.
- Callaway, R.M., S. Jones, W.R. Ferren, and A. Parikh. 1990. Ecology of a mediterranean-climate estuarine wetland at Carpineteria, California; plant distributions and soil salinity in the upper marsh. Can J Bot 68:1139-1146.
- Casazza, M., C. Overton, J. Takekawa, T. Rohmer, K. Navarre. 2008. Breeding behavior and dispersal of radio-marked California clapper rails. Western Birds 39:101-106.
- Cavers, P.B., M.M. Qaderi, M.P. Downs, C. Doucet, R. Manku, and L. Meier. 1998. The thistles: a spectrum of seed banks. Aspects of Applied Biology 51:135-148.
- Cayan, D., M. Tyree, M. Dettinger, H. Hidalgo, T. Das, E. Maurer, P. Bromirski, N. Graham, and R. Flick. 2009. Climate change scenarios and sea level rise estimates for California 2008 Climate Change Scenarios Assessment. California Climate Change Center. *In prep.*
- Center for Plant Conservation. 1991. Appendix. Genetic sampling guidelines for conservation collections of endangered plants. Pp. 225-238 *in*: D.A. Falk and K.E. Holsinger (eds.). Genetics and conservation of rare plants. Oxford Univ. Press, New York. 283 pp.
- Chapman, V.J. 1964. Coastal Vegetation. Oxford, Pergamon Press.
- Chuang, T.I., and L.R. Heckard. 1971. Observations on root parasitism in *Cordylanthus* (Scrophulariaceae). Amer. J. Bot. 58:218-228.
- Chuang, T.I., and L.R. Heckard. 1973. Taxonomy of *Cordylanthus* subgenus Hemistegia (Scrophulariaceae). Brittonia 25:135-158.

- Chuang, T.I., and L.R. Heckard. 1986. Systematics and evolution of *Cordylanthus* (Scrophulariaceae-Pedicularieae). Syst. Bot. Monogr. 10:1-105.
- Chuang, T.I., and L.R. Heckard. 1993. *Cordylanthus*. Pp. 1027-1031 *in:* J.C. Hickman (ed.). The Jepson manual: higher plants of California. Univ. California Press, Berkeley. 1400 pp.
- Clark, D.L., and M.V. Wilson. 1994. Heat-treatment effects on seed bank species of an old-growth douglas-fir forest. Northwest Science, 68:1-5.
- Clark, D.R., K.S. Foerster, C.M. Mann, and R.L. Hothem. 1992. Uptake of environmental contaminants by small mammals in pickleweed habitats in San Francisco Bay, California. Archives of Environmental Contamination and Toxicology 22:389-296.
- Coastal Post Online, August 2005: http://www.coastalpost.com/05/08/08.html
- Cohen, D.A. 1895. The California clapper rail. Oologist 12(11):171-173.
- Cohen, D.A. 1899. California clapper rail in Alameda Co. Condor 1(2):31.
- Colburn, T., and C. Clement. 1992. Chemically-induced alterations in sexual and functional development: the wildlife/human connection. Princeton Science Publishers. Princeton, NJ
- Collins, J.N., and J.G. Evens. 1992. Evaluation of impacts of naval riverine forces training operations on nesting habitat of the California clapper rail at Napa River, California. Navy Western Division, Naval Facilities Engineering Command, San Bruno, CA. 19pp.
- Collins, J., and M. May. 1997. Contamination of tidal wetlands *in*: 1996 Annual Report: San Francisco Estuary Regional Monitoring Program for Trace Substances. San Francisco Estuary Institute, Richmond, CA.
- Collins, J., J. Evens, and B. Grewell. 1994. A synoptic survey of the distribution and abundance of the California clapper rail (*Rallus longirostris obsoletus*) in the northern reaches of the San Francisco Estuary during the 1992 and 1993 breeding season. Draft Technical Report to California Department of Fish and Game, Yountville, CA. 36 pp.
- Conomos, T.J. 1979. Properties and circulation of San Francisco Bay waters *in*: T.J. Conomos, (ed.). San Francisco Bay: The urbanized estuary. Amer. Assoc. Advance. Sci., Pacific Division, San Francisco, CA.
- Conroy, C. J., and J. L. Neuwald. 2008. Phylogeographic study of the California vole, *Microtus californicus*. Journal of Mammalogy 89: 755-767.
- Conway, C.J., W.R. Eddleman, S.H. Anderson, and L.R. Hanebury. 1993. Seasonal changes in Yuma clapper rail vocalization rate and habitat use. J. Wildl. Manage. 57(2):282-290.
- Cooper, D.S. 2004. Important Bird Areas of California. Audubon California. 286 pp.
- Coulombe, H.N. 1970. The role of succulent halophytes in the water balance of salt marsh rodents. Oecologia 4:223-274.
- Crockett, R.P. (Monsanto Co., Vancouver, WA). 2004. Environmental factors, herbicide application timing issues, and using tide tables to your advantage when controlling *Spartina* spp. Presentation at the Third International Conference on Invasive Spartina, November 10, 2004, San Francisco, CA.

- Dabydeen, S. 1987. Natural hybridization in the genus *Cirsium: C. flodmanii x C. undulatum*. Rhodora 89:369-373.
- Daehler, C.C., and D.R. Strong. 1996. Status, prediction and prevention of introduced cordgrass, *Spartina* spp. invasions in Pacific Estuaries. Biological Conservation 78: 51-58.
- Daehler, C.C., and D.R. Strong. 1997. Hybridization between introduced smooth cordgrass (*Spartina alterniflora*; Poaceae) and native California cordgrass (*S. foliosa*) in San Francisco Bay. American Journal of Botany 84(5):607-611.
- Daehler, C.C., C.K. Antilla, D.R. Ayres, D.R. Strong, and J.P. Baily. 1999. Evolution of a new ecotype of *Spartina alterniflora* in San Francisco Bay. American Journal of Botany 86: 543-544.
- Dedrick, K.G. 1989. San Francisco Bay tidal marshland acreages: recent and historic values *in:* O.T. Magoon et al. (eds.). Proceedings of the sixth symposium on Coastal and Ocean Management. Charleston, South Carolina, July 11-14, 1989. Volume 1. 383 pp.
- DeGroot, D.S. 1927. The California clapper rail: its nesting habitats, enemies, and habitat. Condor 29:259-270.
- Diamond, J.M. 1984. "Normal" extinctions of isolated populations. Pp. 191-246. *in:* Nitecki, M.U. (ed.). Extinctions. University of Chicago Press, Chicago.
- Dixon, J. 1908. A new harvest mouse from the salt marshes of San Francisco Bay, California. Proc. Biol. Soc. Wash. 21:197-198.
- Dixon, J. 1909. A new harvest mouse from Petaluma, California. Univ. California Publ. Zool. 5:271-273.
- Doane, S.N. 1999. Shoreline changes in San Pablo Bay, CA. M.S. Thesis, Vanderbilt University. 116 pp.
- Downie, S.T. and E.C. Gleason. 2007. Lower Eel River Watershed Assessment. Coastal Watershed Planning and Assessment Program. California Department of Fish and Game.
- Dunn, P. 1981. Field observations of *Cordylanthus maritimus* ssp. *maritimus* at Tijuana Estuary, California. Draft Report. U.S. Dept. of the Navy, San Diego, CA. 17 pp.
- EDAW, Philip Williams and Associates, Ltd., H.T. Harvey and Associates, Brown and Caldwell, and Geomatrix. 2007. South Bay Salt Pond Restoration Project Final Environmental Impact Statement/Report. Submitted to U.S. Fish and Wildlife Service and California Department of Fish and Game.
- Eddleman, W.R. 1989. Biology of the Yuma clapper rail in the southwestern U.S. and northwestern Mexico. Final Rept., Intra-Agency Agreement No. 4-AA-30-02060, U.S. Bur. Reclam., Yuma Proj. Office., Yuma, AZ.
- Eddleman, W.R., and C. J. Conway. 1998. Clapper rail (*Rallus longirostris*) *in*: A. Poole and F. Gill, (eds.). The birds of North America. No. 340. The Birds of North America, Inc., Philadelphia, PA.

- Eisler, R. 1987. Polycyclic aromatic hydrocarbon hazards to fish, wildlife, and invertebrates: a synoptic review. U.S. Department of Interior, Fish and Wildlife Service, Biological Report 85(1.11). 81 pp.
- Elkhorn Slough Tidal Wetland Project Team. 2007. *Elkhorn Slough* Tidal *Wetland Strategic Plan*. A report describing Elkhorn Slough's estuarine habitats, main impacts, and broad conservation and restoration recommendations. 100 pp.
- EPA http://www.epa.gov/waterscience/criteria/selenium/index.htm
- Evens, J. 2000a. California clapper rail and California black rail: 2000 breeding season surveys. Sonoma Creek Bridge seismic retrofit and barrier placement project: Sonoma and Solano counties, California. Report by Avocet Research Associates, Point Reyes Station, CA. Prepared for California Department of Transportation and Parsons Brinckerhoff. 7 pp.
- Evens, J. 2000b. California clapper rail and California black rail: Napa-Sonoma Wildlife Area, White Slough Unit, year 2000 breeding season. Report by Avocet Research Associates, Point Reyes Station, CA. Prepared for California Department of Transportation and Wetlands Research Associates. 7 pp. + appendices.
- Evens J., and J.N. Collins. 1992. Distribution, abundance, and habitat affinities of the California clapper rail (*Rallus longirostris obsoletus*) in the northern reaches of the San Francisco Estuary during the 1992 breeding season. Final report to California Department of Fish and Game, Yountville, CA. Avocet Research Associates, Point Reyes, CA. 26 pp.
- Evens, J., and G.W. Page. 1983. The ecology of rail populations at Corte Madera Ecological Reserve: with recommendations for management. Report by the Point Reyes Bird Observatory. Stinson Beach, CA. 62 pp.
- Evens, J., and G.W. Page. 1986. Predation on black rails during high tides in salt marshes. The Condor 88:107-109.
- Evens, J.G. and R.W. Stallcup. 1994. Coastal Riparian Marsh. Breeding Bird Census **65**(2): 105-106.
- Faegri, K., and L. van der Pijl. 1979. The principles of pollination ecology, 3rd revised edition. Pergamon Press, Oxford.
- Farrell, S., and E. Heimbinder. 2000. Reintroduction of *Suaeda californica* to the Presidio of San Francisco, Golden Gate National Recreation Area, San Francisco, CA: A Report submitted to the U.S. Fish and Wildlife Service.
- Ferren, W.R., Jr. 1993. *Suaeda*. Pp. 514-515 *in:* J.C. Hickman (ed.). The Jepson manual: higher plants of California. Univ. California Press, Berkeley. 1400 pp.
- Ferren, W.R., Jr., and S.A. Whitmore. 1983. *Suaeda esteroa* (Chenopodiaceae), a new species from estuaries of southern California and Baja California. Madroño 30:181-190.
- Fimreite, N. 1971. Effects of dietary methylmercury on ring-necked pheasants. Occas. Pap. Can. Wildl. Serv. 9:1-37.
- Finfrock, P. 2000. Results of 2000 salt marsh harvest mouse surveys in Suisun Marsh. IEP Newsletter 14(1):19-20.
- Fink, B.H., and J.B. Zedler. 1990. Endangered plant recovery: Experimental approaches with

- *Cordylanthus maritimus* ssp. *maritimus*. Pp. 460-468 *in:* H.G. Hughes and T.M. Bonnicksen (eds.). Proceedings of the First Annual Meeting of the Society of Ecological Restoration and Management. Madison, WI.
- Fisher, D.D., H.J. Shenk, J.A. Thorsch, and W.A. Ferren Jr. 1997. Leaf anatomy and subgeneric affiliations of C₃ and C₄ species of *Suaeda* (Chenopodiaceae) in North America. American Journal of Botany 84:1198-1210.
- Fisler, G.F. 1965. Adaptations and speciation in harvest mice of the marshes of San Francisco Bay. Univ. Calif. Publ. Zool. 77:1-108.
- Foerster, K.S. 1989. Summary of California clapper rail winter populations in the San Francisco Bay National Wildlife Refuge, November 1988 to January 1989. U.S. Fish and Wildlife Service Report, Newark, CA. 17 pp.
- Foerster, K.S., and J.E. Takekawa. 1991. San Francisco Bay National Wildlife Refuge predator management plan and final environmental assessment. San Francisco Bay NWR, Newark, CA. 54 pp.
- Foerster, K.S., J.E. Takekawa, and J.D. Albertson. 1990. Breeding density, nesting habitat, and predators of the California clapper rail. Unpubl. Rpt. No. SFBNWR-116400-90-1, prep. for San Francisco Bay NWR, Newark, CA. 46 pp.
- Foin, T.C., E. J. Garcia, R.E. Gill, S.D. Culberson, and J. N. Collins. 1997. Recovery strategies for the California clapper rail (*Rallus longirostris obsoletus*) in the heavily-urbanized San Francisco estuarine ecosystem. Landscape and Urban Planing 38:229-243.
- Frenkel, R.E., and T.R. Boss. 1988. Introduction, establishment and spread of *Spartina patens* on Cox Island, Siuslaw Estuary, Oregon. Wetlands 8:33-49.
- Garcia, E.J. 1995. Conservation of the California clapper rail: An analysis of survey methods and habitat use in Marin County, California. M.Sci. Thesis, University of California, Davis. 135 pp.
- Geissel, W.H., H. Shellhammer, and H.T. Harvey. 1988. The ecology of the salt marsh harvest mouse (*Reithrodontomys raviventris*) in a diked salt marsh. J. Mammology 69:696-703.
- George, H.A., W. Anderson, and H. McKinnie. 1965. An evaluation of Suisun Marsh as a waterfowl area. California Department of Fish and Game, Game Management branch administrative report.
- Gerdes, G.L., E.R.J. Primbs, and B.M. Browning. 1974. Natural resources of Morro Bay: Their status and future. California Department of Fish and Game 8(1).
- Giguere, P.E. 1970. The natural resources of Bolinas Lagoon, their status and future. State of California Dept. of Fish and Game.
- Gilardi, K.V.K., and J.A.K. Mazet. 1999. Oiled wildlife response in California: A summary of current knowledge of populations at risk and response techniques. Oiled Wildlife Care Network and Wildlife Health Center School of Veterinary Medicine University of California, Davis, CA. 124 pp.

- Gill, R., Jr. 1972. South San Francisco Bay breeding bird survey, 1971. Calif. Dept. Fish and Game, Wildlife Management Branch Administrative Report 72-6. Sacramento, CA. 69 pp.
- Gill, R. 1979. Status and distribution of the California clapper rail (*Rallus longirostris obsoletus*). Calif. Fish and Game 65:36-49.
- Gleason, M.L., D.A. Elmer, N.C. Pien, and J.S. Fisher. 1979. Effects of stem density upon sediment retention by salt marsh cord grass, *Spartina alterniflora* Loisel. Estuaries 2:271-273.
- Goals Project. 1999. Baylands Ecosystem Habitat Goals: A report of habitat recommendations. Prepared by the San Francisco Bay Area Wetlands Ecosystem Goals Project. First Reprint. U.S. Environmental Protection Agency, San Francisco, California and San Francisco Bay Regional Water Quality Control Board, Oakland, California.
- Goals Project. 2000. Baylands Ecosystem Species and Community Profiles: Life histories and environmental requirements of key plants, fish and wildlife. Prepared by the San Francisco Bay Area Wetlands Ecosystem Goals Project. P.R. Olofson (ed.). San Francisco Bay Regional Water Quality Control Board, Oakland, CA.
- Gould, G.I., Jr. 1973. California clapper rail survey, 1973. Calif. Dep. of Fish and Game, Special Wildl. Investigations rep., Proj. W-54-R-5, Job II-10. 10pp.
- Gray, A. 1868. Characters of new plants of California and elsewhere. Proc. Amer. Acad. Arts 7:327-402.
- Gray, A. 1888. Synoptical flora of North America.
- Gray, A.J., D.F. Marshall, and A.F. Raybould. 1991. A century of evolution in *Spartina anglica*. Advances in Ecological Research 21:1-62.
- Greenberg, R., and P.P. Marra. 2005. Birds of two worlds: The ecology and evolution of migration. John Hopkins University Press.
- Greene, E.L. 1891. Some neglected priorities in generic nomenclature. Pittonia 2:181.
- Greene, E.L. 1892. Ecologae botanicae. I. New or noteworthy thistles. Proc. Acad. Nat. Sci. 44:352-363.
- Greene, E.L. 1894. Manual of the botany of the region of San Francisco Bay. Cubery and Company, San Francisco.
- Greenfield, B.K., J.A. Davis, R. Fairey, C. Roberts, D.B. Crane, G. Ichikawa, and M. Petreas. 2003. Contaminant concentrations in fish from San Francisco Bay, 2000. RMP Technical Report: SFEI Contribution 77. San Francisco Estuary Institute, Oakland, CA. Available:

 http://www.sfei.org/rmp/reports/fish_contamination/2000/FishStudy_finalv2.pdf (accessed Dec. 2005).
- Grewell, B.J. 2004. Species diversity in northern California salt marshes: functional significance of parasitic plant interactions. Ph.D. Dissertation, University of California, Davis. 143 pp.

- Grewell, B.J. 2005. Population census and status of the endangered soft bird's beak (*Cordylanthus mollis* ssp. *mollis*) at Benicia State Recreation Area and Rush Ranch in Solano County, CA. Final Report. Prepared for Solano County Water Agency.
- Grewell, B., D. Hickson, and P. Baye. 1999. SEW (Suisun Ecological Workgroup) brackish marsh vegetation subcommittee report. Report to the California State Water Resources Control Board. Sacramento, CA.
- Grewell, B.J., DaPrato, M.A., Hyde, P.R., and E. Rejmankova. 2003. Reintroduction of endangered soft bird's beak (*Cordylanthus mollis* ssp. *mollis*) to restored habitat in Suisun Marsh. Final report to CalFed Ecosystem Restoration Program, Contract 99-N05. April 10, 2003. 142 pp.
- Grewell, B. J., J. C. Callaway, and W. R. Ferren, Jr. 2007. Estuarine Wetlands. Pp. 124-154 *in*: M. G. Barbour, T. Keeler-Wolf, and A. A. Schoenherr (eds.). Terrestrial Vegetation of California, 3rd edition. University of California Press, Berkeley, California.
- Grinnell, J. 1915. A distributional list of the birds of California. Pacific Coast Avifauna 11.
- Grinnell, J., H.C. Bryant, and T.I. Storer. 1918. California clapper rail. Gamebirds of California: 283-291. U.C. Press, Berkeley.
- Grinnell, J.H. and A.H. Miller. 1944. The distribution of the birds of California. Pacific Coast Avifauna 27:1-608.
- Grosholz, E., J. Black, P. Rosso, N. Christiansen, and R. Blake. 2004. Consequences of *Spartina* invasion for migratory shorebirds and Canada geese. Abstract. Third International Conference on Invasive Spartina, San Francisco Estuary Invasive Spartina Project, San Francisco, California.
- Grossinger, R.M. 1995. Historical evidence of freshwater effects on the plan form of tidal marshlands in the Golden Gate Estuary. M.A. Thesis, Marine Sciences, University of California, Santa Cruz, CA.
- Grossinger, R., J. Alexander, A.N. Cohen, and J.N. Collins. 1998. Introduced tidal marsh plants in the San Francisco Estuary: Regional distribution and priorities for control. San Francisco Estuary Institute, Richmond, CA.
- Guerrant, E.O. 1996. Designing populations: Demographic, genetic, and horticultural dimensions *in:* D.A. Falk, C.I. Millar, and M. Olwell (eds.). Restoring diversity: strategies for reintroduction of endangered plants. Island Press, Washington, DC.
- Gulf of the Farallones National Marine Sanctuary. 2008. Bolinas Lagoon Ecosystem Restoration Proejct: Recommendations for Restoration and Management. Prepared with support from Marin County Open Space District and U.S. Army Corps of Engineers. San Francisco, California.
- H.T. Harvey and Associates. 1989. California Clapper Rail breeding survey, South San Francisco Bay. Alviso, CA. Prepared for CH2M Hill.
- H.T. Harvey and Associates. 1997. Marsh plant associations of South San Francisco Bay: 1996 comparative study including Alviso Slough. Unpubl. report, 22 January, 1997. Project No. 477-18. Prepared for the City of San Jose, CA: 117.

- Hadaway, H.C., and J.R. Newman. 1971. Differential responses of five species of salt marsh mammals to inundation. J. Mamm. 25:473-492.
- Hansk, I. 1999. Metapopulation Ecology. Oxnard University Press, Oxford.
- Harding, E.K., D.F. Doak, J. Albertson, and J.E. Takekawa. 1998. Predator management in San Francisco Bay wetlands: past trends and future strategies. Final Report prepared for U.S. Fish and Wildlife Service, Sacramento, CA.
- Harper, J.L. 1977. Population biology of plants. Academic, NY. 892 pp.
- Harris, S.W. 1996. Northwestern California birds: a guide to the status, distribution, and habitats of the birds of Del Norte, Humboldt, Trinity, northern Mendocino, and western Siskiyou counties. 2nd edition. Humboldt State University Press, Arcata, CA.
- Hartman, J., H. Caswell, and I. Valiela. 1983. Effects of wrack accumulation on salt marsh vegetation. Proceedings of the 7th European Marine Biologica Symposium, Oceanologica Acta, Special Issue. 99-102 pp.
- Harvey, H.T., H.L. Mason, R. Gill, and T.W. Wooster. 1977. The marshes of San Francisco Bay: their attributes and values. Report to San Francisco Bay Conservation and Development Commission.
- Harvey, T.E. 1980. A breeding season study of the California clapper rail in south San Francisco Bay, California. Unpubl. Final Report prepared for San Francisco Bay NWR, Newark, CA. 45 pp.
- Harvey, T.E. 1981. A nonbreeding season study of the California clapper rail (*Rallus longirostris obsoletus*) in San Francisco Bay. Final Rept. to U.S. Fish and Wildlife Service, San Francisco Bay National Wildlife Refuge, Newark, CA. 10 pp.
- Harvey, T.E. 1988. Breeding biology of the California clapper rail in south San Francisco Bay. Transactions of the Western Section of the Wildlife Society 24:98-104.
- Harvey, T.E., K.J. Miller, R.L. Hothem, M.J. Rauzon, G.W. Page and R.A. Keck. 1992. Status and trends report on wildlife of the San Francisco Estuary. Prepared by the U.S. Fish and Wildlife Service for the San Francisco Estuary Project, U.S. Environmental Protection Agency. January. San Francisco, Calif. 279 pp. and appendices.
- Heard, R.W. 1982. Observations on the foods and food habits of clapper rails from tidal marshes along the east and gulf coasts of the United States. Gulf Resource Report 7:125-135.
- Heberger, M., H. Cooley, P. Herrera, P.H. Gleick, and E. Moore. 2009. The impacts of sealevel rise on the California coast. A Draft Paper from the California Climate Change Center. Pacific Institute. CEC-500-2009-024-D.
- Heinz, G.H. 1979. Methyl mercury: Reproductive and behavioral effects on three generations of mallard ducks. J. Wildl. Manage. 43(2): 394-401.
- Heller, A.A. 1907. The genus Chloropyron. Muhlenbergia 3:134.
- Hendry, G., and M.P. Kelley. 1925. The plant content of adobe bricks, with a note on adobe brick making. California Historical Society Quarterly 4(4):360:374.

- Herzog, M., L. Liu, J. Evens, N. Nur, and N. Warnock. 2005. Temporal and Spatial Patterns in Population Trends in California Clapper Rails (*Rallus longirostris obsoletus*) 2005
 Report. PRBO Conservation Science, Petaluma, California. Avocet Research Associates, Point Reyes Station, California.
- Herzog, M., L. Liu, J. Evens, and N. Warnock. 2006. Temporal and spatial patterns in population trends in California clapper rails (*Rallus longirostris obsoletus*) 2006 Report. PRBO Conservation Science, Petaluma, California. Avocet Research Associates, Point Reyes Station, California.
- Heske, E.J., R.S. Ostfeld, and W.Z. Lidicker, Jr. 1984. Competitive interactions between *Microtus californicus* and *Reithrodontomys megalotis* during two peaks of *Microtus* abundance. J. Mammalogy 65(2):271-280.
- Hickman, J.C., ed. 1993. The Jepson manual: higher plants of California. University of California Press, Berkeley, California. 1400 pp.
- Hillaker, T.L. 1992. A field research survey: determining the locality of *Suaeda californica* var. *californica* in Morro Bay, California. Unpubl. Report, California Polytechnic State University, Department of Biology, San Luis Obispo, CA.
- Hinde, H. 1954. The vertical distribution of salt marsh phanaerogams in relation to tide levels. Ecol. Monogr. 24:209-225.
- Hogle, I., R. Spenst, S. Leininger, and G. Block. 2007. San Pablo Bay National Wildlife Refuge *Lepidium latifolium* Control Plan. U.S. Fish and Wildlife Service, San Pablo Bay National Wildlife Refuge, Petaluma, California.
- Holstein, G. 2000. Plant communities ecotonal to the baylands. Pp. 49-69 *in:* Olofson, P.R. (ed.). Baylands Ecosystem Species and Community Profiles: life histories and environmental requirements of key plants, fish, and wildlife. Goals Project (Baylands Ecosystem Habitat Goals), San Francisco Bay Regional Water Quality Control Board, Oakland, California.
- Hood, C.S., L.W. Robbins, R.J. Baker, and H.S. Shellhammer. 1984. Chromosomal studies and evolutionary relationships of an endangered species, *Reithrodontomys raviventris*. J. Mamm. 65(4):655-667.
- Hooper, E.T. 1944. San Francisco Bay as a factor influencing speciation in rodents. Misc. Publ. Mus. Zool. University of Michigan 59:1-89.
- Hoover, R.F. 1970. The vascular plants of San Luis Obispo County, CA. University of California Press. 350 pp.
- Howald, A.M. 1996. Translocation as a mitigation strategy: lessons from California *in*: D.A. Falk, C.I. Millar, and M. Olwell (eds.). Restoring diversity: Strategies for reintroduction of endangered plants. Island Press, Washington, DC.
- Howald, A. 2000. *Lepidium latifolium*. Invasive Plants of California Wildlands. Carla C. Bossard, John M. Randall, and Marc C. Hoshovsky, Editors. University of California Press. 222-227.

- Howard, R.J., and I.A. Mendelssohn. 1999. Salinity as a constraint on growth of oligohaline marsh macrophytes. I. Species variation in stress tolerance. American Journal of Botany 86: 785-794.
- Howell, J.T. 1949. Marin flora: Manual of the flowering plants and ferns of Marin Co., CA. University of California Press. 319 pp.
- Howell, J.T. 1969. Marin flora supplement. University of California Press.
- Howell, J.T. 1970. Marin flora, manual of the flowering plants and ferns of Marin County, California. (2nd ed. with supplement). Univ. Calif. Press, Berkeley, CA. 366 p.
- Howell, J.T., P.H. Raven, and P.R. Rubtzoff. 1958. A flora of San Francisco, California. The Wasmann Journal of Biology 16:1-157.
- Hulst, M.D. 2000. Salt marsh harvest mouse habitat use and habitat quality at San Pablo Bay, CA. Master's Thesis, California State University, Sacramento.
- Invasive Spartina Project 2004
- Invasive Spartina Project. 2008. San Francisco Estuary Invasive Spartina Project Monitoring Report for 2006. Prepared for the State Coastal Conservancy
- IPCC. 2007. Climate change 2007: Mitigation of Climate Change. Contribution of Working Group III to the Fourth Assessment Report of the Intergovernmental Panel on Climate Change [B. Metz, O.R. Davidson, P. R. Bosch, R. Dave, L.A. Meyer (eds)], Cambridge University Press, Cambridge, United Kingdom and New York, NY, USA. Found at http://www.ipcc.ch/ipccreports/ar4-wg3.htm.
- Jepson, W.L. 1901. A flora of western middle California. Encia Publishing Co., Berkeley, CA.
- Jepson, W.L. 1911. A flora of middle western California. Cunningham, Curtiss, and Welch, San Francisco (revised edition of 1901). 515 pp.
- Jepson, W.L. 1925. Manual of the Flowering Plants of California. University of California Press. 1238 pp.
- Johnson, R.W. 1973. Observations on the ecology and management of the northern clapper rail, *Rallus longirostris crepitans* Gmelin in Nassau County, New York. Ph.D. Thesis, Cornell Univ., NY. 223 pp.
- Johnson, V.J., and H.S. Shellhammer. 1988. The ecology of the salt marsh harvest mouse (*Reithrodontomys raviventris*) in a diked salt marsh and adjacent grasslands in Palo Alto, California. Prepared for U.S. Fish and Wildlife Service, Endangered Species Office. Final report, Contract No. 10120-87-00343. Sacramento, CA.
- Johnston, R.F. 1956a. The incubation period of the clapper rail. Condor 58:166.
- Johnston, R.F. 1956b. Predation by short-eared owls on a *Salicornia* salt marsh. Wilson Bull. 68:91-102.
- Johnston, R.F. 1957. Adaptation of salt marsh mammals to high tides. Journal of Mammalogy 38:529-531.
- Jorgensen, P.D. 1975. Habitat preference of the light-footed clapper rail in Tijuana Marsh, California. M.Sci. Thesis, San Diego State University, San Diego, CA. 84 pp.

- Jorgenson, P.D., and H.L. Ferguson. 1982. Clapper rail preys on savannah sparrow. Wilson Bulletin 94:215.
- Josselyn, M. 1983. The ecology of San Francisco Bay tidal marshes: a community profile. FWS/OBS-83/23. U.S. Fish and Wildlife Service, Division of Biological Services, Washington, DC.
- Josselyn, M., B. Larsson, and A. Fiorillo. 1993. An ecological comparison of an introduced marsh plant, *Spartina alterniflora*, with its native congener, *Spartina foliosa*, in San Francisco Bay. A Gaps in Knowledge Research Program, San Francisco Bay Estuary Project. Romberg Tiburon Centers, San Francisco State University, Tiburon, CA.
- Keddy, C.J., and Keddy, P.A. 1984. Reproductive biology and habitat of *Cirsium pitcheri*. The Michigan Botanist, 23:57-67.
- Keil, D.J., and C.E. Turner. 1993. *Cirsium*. Pp.232-243 *in:* J.C. Hickman (ed.). The Jepson manual: higher plants of California. Univ. California Press, Berkeley. 1400 pp.
- Keldsen, T.J. 1997. Potential impacts of climate change on California clapper rail habitat of south San Francisco Bay. M.S. Thesis, Colorado State University.
- Kelly, J.P., and G. Fletcher. 1994. Habitat correlates and distribution of *Cordylanthus maritimus* (Scrophulariaceae) on Tomales Bay, California. Madroño 41(4):316-327.
- Kennerly, C.B.R. 1859. Report on birds collected on the route. Pacific Railroad Reports, Vol. 10:6(3). Pp. 19-35.
- Kimball, H.H. 1922. Bird records from California, Arizona and Guadalupe Island. Condor 24(3):96-97.
- King, K., C. Curran, B. Smith, D. Boehm, K. Grange, S. McAvinchey, D.Sowle, K. Genther, R. Higley, A Schaaf, C. Sykes, J. Grassley, and C. Grue. 2004. Toxicity of Rodeo[®] and Arsenal[®] tank mixes to juvenile trout. Third Annual International Conference on Invasive Spartina, San Francisco, CA Available: http://www.the-conference.com/conferences/2004/spartina/Program.pdf
- Klinkhamer, P.G.L., and T.J. de Jong. 1993. Biological flora of the British Isles: *Cirsium vulgare* (Savi) Ten. (*Carduus lanceolatus L., Cirsium lanceolatum* (L.) Scop.). Journal of Ecology 81:177-191.
- Knowles, N. 2002. Natural and management influences on freshwater inflows and salinity in the San Francisco Estuary at monthly to interannual scales. Water Resour. Res., 38, 25-1 to 25-11.
- Knowles, N., and D. Cayan. 2002. Potential effects of global warming on the Sacramento/San Joaquin watershed and the San Francisco Estuary. Geophysical Research Letters, 29, 38-1 to 38-4. Available:

 http://tenaya.ucsd.edu/~knowles/papers/knowles_grl_2002.pdf#search='knowles%20francisco%20salinity%202002' (Accessed Dec. 2005).
- Knutson, P.L., R.A. Brochu, W.N. Seelig, and M. Inskeep. 1982. Wave damping in *Spartina alterniflora* marshes. Wetlands 2:87-104.

- Kovach, S.D., and D.R. Pomeroy. 1989. Research protocol for salt marsh harvest mouse and other endangered species studies on Mare Island Naval Shipyard; March 1989. Unpubl. Rept. Western Div., Naval Facilities Engineering Command, San Bruno, CA. 11 pp.
- Kozicky, E.L., and F.V. Schmidt. 1949. Nesting habits of the clapper rail in New Jersey. Auk 66:355-364.
- Kuhn, N.L., and J.B. Zedler. 1997. Differential effects of salinity and soil saturation on native and exotic plants of a coastal salt marsh. Estuaries 20(2):391-403.
- LCLA [L.C. Lee and Associates]. 2003. Geographic distribution and population parameters of the endangered Suisun thistle (*Cirsium hydrophilum* var. *hydrophilum*) at Rush Ranch in Solano County, California. Final Report (December 2003), prepared for the Solano County Water Agency. 53 p.
- Larkin, J.A. 1984. A statistical method for estimating the population size of a rare species. M.A. Thesis, San Jose State University, San Jose, CA. 66 pp.
- Levin, D.A, J. Francisco-Ortega, and R.K. Jansen. 1996. Hybridization and the extinction of rare species. Conservation Biology 10:10-16.
- Lindsdale, J.M. 1936. Occurrence of the California clapper rail away from marshes. Condor 38:216.
- Linville R.G., S.N. Luoma, L. Cutter, G.A. Cutter. 2002. Increased selenium threat as a result of invasion of the exotic bivalve *Potamocorbula amurensis* into the San Francisco Bay-Delta. Aquatic Toxicology 57:51-64.
- Lonzarich, D.G., T.E. Harvey, and J.E. Takekawa. 1992. Trace element and organochlorine concentrations in California clapper rail (*Rallus longirostris obsoletus*) eggs. Arch. Environ. Contam. Toxicol. 23:147-153.
- Louda, S.M., and M.A. Potvin. 1995. Effects of inflorescence-feeding insects on the demography and lifetime fitness of a native plant. Ecology 76: 229-245.
- Louda, S.M., A.E. Arnett, T.A. Rand, and F.L. Russell. 2003. Invasiveness of some biological control agents and adequacy of their ecological risk assessment and regulation. Conservation Biology 17(1): 73-82.
- Louderback, G.D. 1951. Geologic history of San Francisco Bay: California Division of Mines and Geology Bull. 154:75-94.
- Luoma, S.N., and J.E. Cloern. 1982. The impact of wastewater discharge on biological communities in San Francisco Bay. Pp. 137-160 *in:* W.J. Kockelman, T.J. Conomos, and A.E. Levitan (eds.). San Francisco Bay: use and protection. Pacific Division, American Association Advance Science, San Francisco, CA. 493 pp.
- Luoma, S.N., and D.H. Phillips. 1988. Distribution, variability, and impacts of trace elements in San Francisco Bay. Marine Pollut. Bull. 19:413-425.
- MacArthur, R. H., and E. O. Wilson. 1967. The Theory of Island Biogeography. Princeton University Press, Princeton, N.J.
- MacDonald, R. 1977. Salt marsh *in*: M.G. Barbour, and J. Major (eds.). Terrestrial Vegetation of California. Wiley Interscience, NY.

- MacDonald, K.B., and M.G. Barbour. 1974. Beach and salt marsh vegetation of the North American Pacific coast. Pp. 175-233 *in:* R.J. Reimold and W.H. Queen, eds. Ecology of Halophytes. Academic Press, NY.
- Maier, K.J., and A.W. Knight. 1994. Ecotoxicology of selenium in freshwater systems. Reu. Environ. Contam. Toxicol. 134(3):1-48.
- Mason, H.L. 1957. A flora of the marshes of California. University of California Press.
- Massey, B.W., and R. Zembal. 1987. Vocalizations of the light-footed clapper rail. J. Field Ornithol. 58(1):32-40.
- May, M. 1995. *Lepidium Latifolium* L. in the San Francisco Estuary. Department of Geography, University of California at Berkeley. Unpublished report.
- May, M., C. Grosso, and J. Collins. 2003. Practical guidebook for the identification and control of invasive aquatic and wetland plants in the San Francisco Bay-Delta region. San Francisco Estuary Institute, Oakland, CA. 68 pp. Available: www.sfei.org/nis/, accessed 29-Apr-05.
- McMinn, H.E. 1939. An illustrated manual of California shrubs. University of California Press, Berkeley.
- Meanley, B. 1985. The marsh hen: A natural history of the clapper rail of the Atlantic coast salt marsh. Tidewater Publ., Centreville, MD.
- Meiorin E.C., M.N. Josselyn, R. Crawford, J. Calloway, K. Miller, T. Richardson, and R.A. Leidy. 1991. Status and trends report on wetlands and related habitats in the San Francisco Estuary. Prepared by the Association of Bay Area Governments for the San Francisco Estuary Project. U.S. Environmental Protection Agency. San Francisco, California. 209 pp.
- Mobberly, D.G. 1956. Taxonomy and distribution of the genus *Spartina*. Iowa State Journal of Science 30(4):471-574.
- Moeller, I., T. Spencer, and J.R. French. 1996. Wind wave attenuation over saltmarsh surfaces: preliminary results from Norfolk, England. Journal of Coaastal Research 12:1009-1016.
- Moffitt, J. 1941. Notes on the food of the California clapper rail. Condor 43(6):270-273.
- Morris, W.F., and D.F. Doak. 2003. Quantitative conservation biology: theory and practice of population viability analysis. Sinauer Associates, Sunderland, MA.
- Moss, J.G. 1980. Winter populations of the California clapper rail (*Rallus longirostris obsoletus*) in the San Francisco Bay National Wildlife Refuge 1979-1980. U.S. Fish and Wildlife Service Final Report, Fremont, CA. 9 pp.
- Mumford, T.F. Jr., P. Peyton, J.R. Sayce, and S. Harbell, eds. 1990. *Spartina* Workshop record. Seattle, Washington. November 14-15, 1990. Washington Sea Grant Program, Seattle, WA. 73pp.
- Munz, P.A. 1959. Manual of the flowering plants of California. University of California Press. 319 pp.
- Munz, P.A. 1968. Supplement to a California flora. University of California Press. 224 pp.

- National Audubon Society. 2009. Important Bird Areas in the U.S. http://www.audubon.org/bird/iba 01/2009 Viewed: January 13, 2009
- National Wetlands Research Center (NWRC), United States Geological Survey. 2007. Marsh *NWRC USGS*. http://www.nwrc.usgs.gov/fringe/glossary.html Viewed: January 14, 2009.
- Nelson, K., R.J. Baker, H.S. Shellhammer, and R.K. Chesser. 1984. Test of alternative hypotheses concerning the origin of *Reithrodontomys raviventris*: genetic analysis. J. Mamm. 65:668-673.
- Newberry, J.S. 1857. Report of explorations and surveys to ascertain the most practical and economical route for a railroad from the Mississippi River to the Pacific Ocean. No. 6, part 4. Pp. 73-110. Report on the zoology of the route. Washington, DC.
- Newcombe, C.L., J.H. Morris, P.L. Knutson, and C.S. Gorbics. 1979. Bank erosion control with vegetation, San Francisco Bay, California. Miscellaneous Report No. 79-2, U.S. Army Corps of Engineers, Coastal Engineering Research Center, Belvoir, Virginia.
- Newman, J. 1981. Aspects of *Cordylanthus maritimus* ssp. *maritimus* germination tests examined. Notes on studies performed at Pacific Missile Test Center, Naval Air Station, Point Mugu, CA.
- Nichols, F.H., J.E. Cloern, S.N. Luoma, and D.H. Peterson. 1986. The modification of an estuary. Science 231:567-573.
- Niemi, T.M., and N.T. Hall. 1996. Historical changes in the tidal marsh of Tomales Bay and Olema Creek, Marin County, California. Journal of Coastal Research J. Coast. Res. 12(1):90-102.
- Nordby, J.C., A.N. Cohen, and S.R. Beissinger. 2004. The impact of invasive *Spartina alterniflora* on song sparrow populations in San Francisco Bay salt marshes. Presentation at the Third International Conference on Invasive Spartina, November 10, 2004, San Francisco, CA.
- Oberholser, H.C. 1937. A revision of the clapper rails (*Rallus longirostris* Boddaert). Proc. U.S. Natl. Mus. 84: 313-319, 336-345.
- Ohlendorf, H.M, and W.J. Fleming. 1988. Birds and environmental contaminants in San Francisco and Chesapeake Bays. Marine Poll. Bull. 19:487-495.
- Ohlendorf, H.M., R.W. Lowe, P.R. Kelly, and T.E. Harvey. 1986. Selenium and heavy metals in San Francisco Bay diving ducks. J. Wildl. Manage. 50:64-71.
- Ohlendorf, H.M, K.C. Marois, R.W. Lowe, and T.E. Harvey. 1991. Trace elements and organochlorines in surf scoters from San Francisco Bay, 1985. Environ. Monit. Assess. 18:105-122.
- Olmstead, R.G., C.W. dePamphilis, A.D. Wolfe N.D. Young, W. J. Elisens, and P.A. Reeves. 2001. Disintegration of the Scrophulariaceae. Amer. J. Bot. 88: 348-361.
- Oros, D.R., and J. Hunt. 2005. Emerging contaminants: Endocrine disrupting chemicals (EDCs). Regional Monitoring News 10(1)1, 10-12.

- Oros, D.R., D. Hoover, F. Rodigari, D. Crane, and J. Sericano. 2005. Levels and distribution of polybrominated diphenyl ethers in water, surface sediments, and bivalves from the San Francisco Estuary. Environ. Sci. Technol. 39(1):33-41.
- Orr, M., S. Crooks, and P.B. Williams. 2003. Will restored tidal marshes be sustainable? *in:* Larry R. Brown (ed.). Issues in San Francisco Estuary Tidal Wetlands Restoration. San Francisco Estuary and Watershed Science 1(1) (October 2003), Article 5. (http://repositories.cdlib.org/jmie/sfews/vol1/iss1/art5)
- Orr, R.T. 1939. Fall wanderings of clapper rails. Condor 41:151-152.
- Orr, R. 1942. A study of the birds of the Big Basin region of California. American Midland Naturalist 27(2):273-337.
- Orton-Palmer, A.E., and J.E. Takekawa. 1992. Breeding census for the California clapper rail (*Rallus longirostris obsoletus*) at Naval Air Station Moffett Field and Guadalupe Slough, 1992. Unpubl. Report, U.S. Fish and Wildlife Services (for U.S. Dept. of Navy, Contract No. N62474-91-M-0604). 31 pp.
- Page, G.W., and W.D. Shuford. 2000. *Southern Pacific Coast Regional Shorebird Plan*. A report of California Partners in Flight (CalPIF). Stinson Beach: Point Reyes Bird Observatory Conservation Science. http://www.prbo.org/calpif/plans.html.
- Page, G.W., L.E. Stenzel, J.G. Evens, and R.W. Stallcup. 1989. Black rails and California clapper rails in Suisun and Carquinez Strait tidal marshes. Point Reyes Bird Observatory. 46 pp.
- Palmisano, S. and L.R. Fox. 1997. Effects of mammal and insect herbivory on population dynamics of a native Californian thistle, *Cirsium occidentale*. Oecologia 111(3):413-421.
- Parsons, L., and J.B. Zedler. 1997. Factors affecting reestablishment of an endangered annual plant at a California salt marsh. Ecological Applications 7:253-267.
- Patten, K. 2002. Managing Spartina with glyphosate and imazapyr.
- Patten, K. 2004. The efficacy of chemical and mechanical treatment efforts in 2002 on the control of *Spartina* in Willapa Bay in 2003. Progress Report submitted to the Willapa National Wildlife Refuge.
- Pavlik, B.M. 1994. Demographic monitoring and the recovery of endangered plants. Pp. 322-350 *in*: M.L. Bowles and C.J. Whelan (eds.). Restoration of endangered species. Cambridge University Press, Cambridge, United Kingdom.
- Peinado, M., F. Alcaraz, J. Delgadillo, M. De La Cruz, J. Alvarez, and J.L. Aguirre. 1994. The coastal salt marshes of California and Baja California: phytosociological typology and zonation. Vegetatio 110:55-66.
- Peterson, D.H., D.R. Cayan, J.F. Festa, F.H. Nichols, R.A. Walters, J.V. Slack, S.E. Hager, and L.E. Shemel. 1989. Climate variability in an estuary: effects of riverflow on San Francisco Bay *in*: D.H. Peterson (ed). Aspects of climate variability in the Pacific and the western Americas. Geophys. Union. Geophys. Monogr. 55:41-442.

- Pethick, J.S. 1992. Saltmarsh geomorphology. Pp. 41-62 *in:* J.R.L. Allen. and K. Pye (eds.). Saltmarshes: Morphodynamics, conservation and engineering significance. Cambridge University Press.
- Pethick, J.S. 1993. Shoreline adjustments and coastal management: physical and biological processes under accelerated sea-level rise. Geographical Journal 159(2):162-8.
- Philip Williams and Associates, Ltd., and P.M. Faber. 2004. Design guidelines for tidal wetland restoration in San Francisco bay. The Bay Institute and California Coastal Conservancy, Oakland, California. 83 pp. http://www.wrmp.org.
- Phillips, D.J.H. 1987. Toxic contaminants in the San Francisco Bay-Delta and their possible biological effects: Richmond, San Francisco Estuary Institute. 413 pp.
- Pickart, A.J. 2001. The distribution of *Spartina densiflora* and two rare salt marsh plants in Humboldt Bay, 1998-1999. Unpublished document, U.S. Fish and Wildlife Service, Humboldt Bay National Wildlife Refuge, Arcata, CA.
- Pickart, A.J., and L.M. Miller. 1988. A survey of *Cordylanthus maritimus* ssp. *palustris* and *Orthocarpus castillejoides* var. *humboldtiensis* in Mad River Slough, Humboldt Bay, California. Unpublished document. The Nature Conservancy, Arcata, CA.
- Pimm, S.L., H.L. Jones, and J.M. Diamond. 1988. On the risk of extinction. American Naturalist 132:757-785.
- Point Reyes Bird Observatory studies (http://www.prbo.org
- PRBO Conservation Science. (http://www.prbo.org).
- PRBO Conservation Science. 2009. 2008 Annual Report: California Clapper Rail (*Rallus longirostris obsoletus*). TE-807078.
- Presser T.S., and S. N. Luoma. 2007. Forecasting selenium discharges to the San Francisco Bay-Delta Estuary: Ecological effects of a proposed San Luis drain extension. USGS Professional Paper 1646. 209 pp.
- Proctor, M., P. Yeo, and A. Lack. 1996. The natural history of pollination. Timber Press, Portland, OR. 479 pp.
- Pye, K. 1995. Controls on long-term saltmarsh *accretion* and erosion in the Wash, eastern England, Journal of Coastal Research 11:337-356.
- Ranwell, D.S. 1972. Ecology of salt marshes and sand dunes. Chapman and Hall, London. 258 pp.
- Raybould, A.F., A.J. Gray, M.J. Lawrence, and D.F. Marshall. 1991. The evolution of *Spartina anglica* C. E. Hubbard (Graminae): origin and genetic variability. Biological Journal of the Linnean Society 43(2):111-126.
- Reid, W.V., and M.C. Trexler. 1991. Drowning the national heritage: climate change and U.S. coastal biodiversity. World Resources Institute, Washington, DC. 48 pp.
- Rice, V.C. 1974. The population ecology of the salt marsh harvest mouse at Triangle Marsh. M.A. Thesis, San Jose State University, San Jose, CA.
- Ridgway, R. 1874. Notes upon North American waterbirds. Am. Nat. 8:108-111.

- Ridgway, R. 1880. On *Rallus longirostris*, Bodd., its geographical races. Bull. NuHall Ornithol. Club 5:138-140.
- Rieseberg, L.H. 1991. Hybridization in rare plants: insights from case studies in *Cercocarpus* and *Helianthus*. Pp. 171-181 *in:* D.A. Falk (ed.). Genetics and conservation of rare plants. Oxford University Press, New York, NY.
- Ripley, S.D. 1977. Rails of the world. David R. Godine, Publisher. Boston, MA.
- Roberson, D. 1985. Monterey Birds. Monterey Pen. Audubon Society, Carmel, Ca.
- Roberson, D. 1993. Clapper Rail (*Rallus longirostris*). Pp. 413-414 *in*: D. Roberson, and C. Tenney (eds.). Atlas of the breeding birds of Monterey County California. Monterey Peninsula Audubon Society.
- Rose, K.E., Louda, S.M. and Rees, M. 2005. Demographic and evolutionary impacts of native and invasive insect herbivores on *Cirsium canescens*. Ecology 86, 453-465.
- Ross, J.R., and D.R. Oros. 2004. Polycyclic aromatic hydrocarbons in the San Francisco Estuary water column: sources, spatial distributions, and temporal trends. Chemosphere 57(8):909-920.
- Rowntree, R.A. 1973. Morphological change in a California estuary: sedimentation and marsh invasion at Bolinas Lagoon. Unpublished Ph.D. Thesis, Geography Department, University of California, Berkeley.
- Russell, E. W. 1973. Soil conditions and plant growth. 10th ed., Longman, London and New York.
- Ruygt, J. 1994. Ecological studies and demographic monitoring of soft bird's-beak, *Cordylanthus mollis* ssp. *mollis*, a California listed rare plant species, and habitat management recommendations. 120+ pp.
- San Francisco Estuary Institute. 1999. Relationship Between Sediment Contamination and Toxicity in San Francisco Bay.
- San Francisco Estuary Institute. 2000. Contaminant Loads from Stormwater to Coastal Waters in the San Francisco Bay Region.
- San Francisco Estuary Regional Monitoring Program. 1996. Annual monitoring report.
- San Luis Obispo County. 2008a. Los Osos Wastewater Project Development Technical Memorandum, Effluent Reuse and Disposal Alternatives. Final. July 2008.
- San Luis Obispo County. 2008b. Draft EIR for the Los Osos Wastewater Project. SCH No. 2007121034.
- Sawyer, J.O., and T. Keeler-Wolf. 1995. A manual of California vegetation. California Native Plant Society, Sacramento, California. 471 pages.
- Schonewald-Cox, C.M., S.M. Chambers, B. Macbryde, and W.L. Thomas (eds.). 1983. Genetics and conservation, a reference for managing wild animal and plant populations. Benjamin/Cummings, Menlo Park, CA.
- Schwartz, D.L., H.T. Mullins, and D.F. Belknap. 1986. Holocene geologic history of a transform margin estuary: Elkhorn Slough, central California. Estuarine Coastal and Shelf Science 22:285-302.

- Schwarzbach, S.E, J.D. Henderson, C.M. Thomas, and J.D. Albertson. 2001. Organochlorine concentrations and eggshell thickness in failed eggs of the California clapper rail from south San Francisco Bay. Condor 103:620-624.
- Schwarzbach, S.E., J.D. Albertson, and C.M. Thomas. 2006. Effects of predation, flooding, and contamination on reproductive success of California clapper rails (*Rallus longirostris obsoletus*) in San Francisco Bay. The Auk 123(1): 1-16
- SCOR Working Group 89. 1991. Sea level and erosion of the world's coastlines. http://www.jhu.edu/~scor/
- Shapiro and Associates. 1980. Humboldt Bay wetlands review and baylands analysis. U.S. Army Corps of Engineers, San Francisco District.
- Shellhammer, H.S. 1984. Identification of salt marsh harvest mice, *Reithrodontomys raviventris*, in the field and with cranial characteristics. Calif. Fish and Game 70:113-120.
- Shellhammer, H.S. 1989. Salt marsh harvest mice, urban development and rising sea levels. Conservation Biology 3:59-65
- Shellhammer, H.S. 2000. Salt marsh harvest mouse. *in:* Olofson, P.R. (ed.). Baylands Ecosystem Species and Community Profiles: life histories and environmental requirements of key plants, fish, and wildlife. Goals Project (Baylands Ecosystem Habitat Goals), San Francisco Bay Regional Water Quality Control Board, Oakland, California.
- Shellhammer, H.S., R.R. Duke, H.T. Harvey, V. Jennings, V. Johnson, and M. Newcomer. 1988. Salt marsh harvest mice in the diked salt marshes of Southern San Francisco Bay. Wasmann J. Bio. 46: 89-103.
- Shellhammer, H.S, R. Jackson, W. Davilla, A. Gilroy, H.T. Harvey, and L. Simmons. 1982. Habitat preferences of salt marsh harvest mice (*Reithrodontomys raviventris*). Wasmann J. Biol. 40:102-114.
- Sibley, C.G. 1955. The responses of salt-marsh birds to extremely high tides. Condor 57(4): 241-242.
- Silliman, O.P. 1915. Range of the California clapper rail. Condor 17:201.
- Skorupa, J.P. 1998. Selenium poisoning of fish and wildlife in nature: Lessons from twelve real-world examples. Pp. 315-354 *in*: W. Frankenberger, and R.A. Engberg (eds.). Environmental chemistry of selenium. Marcel Dekker Inc., NY.
- Sloop, C.M., D. R. Ayres, and D. Strong. 2008. The rapid evolution of self-fertility in Spartina hybrids of (*Spartina alterniflora* x *foliosa*) invading San Francisco Bay, California. Biological Invasions. Vol. 11 (5). Pages 1131-1144.
- Smith, D., S. Klohr, and K. Zaremba. 2002. San Francisco Bay and beyond: invasive *Spartina* continues to spread among Pacific estuaries. ANS (Aquatic Nuisance Species) Digest 4(4):46-47 (February 2002). Available: www.spartina.org/links.htm, accessed 29-Apr-05.

- Smith, D.R., M.D. Stephenson, and A.R. Flegal. 1986. Trace metals in mussels transplanted to San Francisco Bay. Environ. Toxicol. Chem. 5:129-138.
- Spautz, H., and N. Nur. 2004. Impacts of non-native perennial pepperweed (*Lepidium latifolium*) on abundance, distribution, and reproductive success of San Francisco Bay tidal marsh birds. PRBO Conservation Science.
- Spendelow, J.A., and H.R. Spendelow, Jr. 1980. Clapper rail kills birds in a net. J. field Ornithol. 51(2):175-176.
- Spicher, D.P. 1984. The ecology of a caespitose cordgrass (*Spartina sp.*) introduced to San Francisco Bay. M.A. Thesis, San Francisco State University, San Francisco, CA.
- Spicher, D., and M. Josselyn. 1985. Spartina (Gramineae) in northern California.
- Standing, J., B. Browning, and J.W. Speth. 1975. The natural resources of Bodega Harbor. Coastal Wetlands Series No. 11. California State Department of Fish and Game, Sacramento, CA.
- State Water Resources Control Board. 1999. Water Right Decision 1641 (Revised). December 29, 1999.

 http://www.waterrights.ca.gov/baydelta/d1641.htm
 Accessed: January 15, 2009
- Steinberg, E.K. 1997. Development of species-specific markers to differentiate between salt marsh harvest mice and western harvest mice in the vicinity of the San Francisco Bay Estuary. Final report prepared for the U.S. Fish and Wildlife Service, Region 1. 10 pp.
- Stewart, A.R., S.N. Luoma, C.E. Schlekat, M.A. Doblin, and K.A. Hieb. 2004. Food web pathway determines how selenium affects aquatic ecosystems: A San Francisco Bay case study. Environ. Sci. Technol. 38(17):4519-4526.
- Storer, T. 1915. Additional records of California clapper rail and red phalarope in California. Condor 17: 98.
- Striplen, C.J. 1992. Effects of predation on hatching success of the California clapper rail (*Rallus longirostris obsoletus*) in the south San Francisco Bay and characterization of nest predation through use of artificial nests and captive animals. Prepared for the U.S. Fish and Wildlife Service, San Francisco Bay National Wildlife Refuge, Newark, CA. 24 pp.
- Suisun Ecological Workgroup Final Report. 2001. www.iep.ca.gov/suisun-eco-workgroup/
- Suisun Marsh Levee Investigation Team. 2000. http://iep.water.ca.gov/suisun/modeling/CALFEDlevee/
- SWRCB 303d list, Region 2: http://www.swrcb.ca.gov/tmdl/ 303d_lists.html. Accessed April 22, 2009.
- Tank, D.C. and R.G. Olmstead. 2008. From annuals to perennials: Phylogeny of Subtribe Castillejinae (Orobanchaceae). American Journal of Botany 95(5):608-625.
- Tank, D.C., J.M. Egger, and R.G. Olmstead. 2009. Phylogenetic classification of Subtribe Castillejinae (Orobanchaceae). Systematic Botany 34(1):182-197.

- Tatum, E.I.R., P. Clifford, A.J. Pickart, and A. Craig. 2005. Comparison of removal methods for *Spartina desniflora* in Humboldt Bay.
- Taylor, H.R. 1894. Among the California clapper rail. Nidiologist 1(10-11):153-155.
- Taylor, P.B. 1996. Clapper Rail *in:* Hoyo et al. (eds.). Handbook of the birds of the world. Vol. 3. Lynx Edicions. Barcelona.
- Teh, S.J., X. Deng, D.F. Deng, F.C. Teh, S.S.O. Hung, T.W.M. Fan, J. Liu, and R. Higashi. 2004. Chronic effects of dietary selenium on juvenile Sacramento splittail (*Pogonichthys macrolepidotus*). Environmental Science and Technology 38:6085-6093.
- Terborgh, J., and B. Winter. 1980. Some causes of extinction. *in*: M.S. Soule, and B.A. Wilcox (eds.). Conservation biology: an evolutionary-ecological perspective. Siquer Associates, Sunderland, MA.
- Terres, J. 1980. The Audubon Society: Encyclopedia of North America Birds. The Audubon Society, NY.
- Test, F.H., and A.R. Test. 1942. Food of the California clapper rail. Condor 44:228.
- Thomas, J.H. 1961. Flora of the Santa Cruz Mountains of California. Stanford University Press. 434 pp.
- Thomas, J.H. 1975. *Salsola soda* L. (Chenopodiaceae) in central California. *Madroño* 23(2):95.
- Thompson, J., and E.A. Dutra. 1983. The tule breakers: the story of the California dredge. Stockton Corral of Westerners, University of the Pacific. Stockton, CA. 368 pp.
- Thomson, E.A., S.N. Luoma, C.E. Johansson, and D.J. Cain. 1984. Comparison of sediments and organisms in identifying sources of biologically available trace metal contamination. Water Res. 18:755-65.
- Todd, R.L. 1986. A saltwater marsh hen in Arizona: A history of the Yuma clapper rail (*Rallus longirostris yumanensis*). Final Rept. Arizona Game and Fish Dept., Fed. Aid Proj. W-95-R, Phoenix, AZ.
- Transportation Noise Control Center. 1997. Environmental effects of transportation noise, a case study: Noise criteria for the protection of endangered passerine birds. Prepared for California Department of Transportation, Environmental Engineering. University of California, Davis, Department of Mechanical and Aeronautical Engineering, Transportation Noise Control Center, Bioacoustics Research Team, Davis, CA. Final Report. Task Order 10, Contract No. 43Y091. 74 pp.
- Tu, M., C. Hurd, and J.M. Randall. 2001. Weed Control Methods Handbook, The Nature Conservancy, version: April 2001; updated June 2004. Available: http://tncweeds.ucdavis.edu (Accessed Dec. 2005).
- U.S. Department of Agriculture. 1977. Soil Survey of Solano County, CA. Soil Conservation Service and University of California Agricultural Experiment Station. 120 pp. Available: http://soils.usda.gov/survey/online_surveys/california/ (Accessed Dec. 2005).
- U.S. Fish and Wildlife Service. 1970. Appendix D—United States list of endangered native fish and wildlife. Federal Register 35:16047-16048

- U.S. Fish and Wildlife Service. 1978. Determination of five plants as endangered species. Federal Register 43:448120-44811
- U.S. Fish and Wildlife Service. 1981. Interagency Section 7 consultation on the Suisun Marsh Management Study, Solano County, California. Project #1-1-81-F-130.
- U.S. Fish and Wildlife Service. 1983. Endangered and threatened species; listing and recovery priority guidelines. Federal Register 48:43098-43105.
- U.S. Fish and Wildlife Service. 1984. Salt marsh harvest mouse and California clapper rail recovery plan. Portland, OR.
- U.S. Fish and Wildlife Service. 1985a. Recovery plan for salt marsh bird's beak (*Cordylanthus maritimus* ssp. *maritimus*). Portland, OR.
- U.S. Fish and Wildlife Service. 1985b. Recovery plan for the California least tern, *Sterna antillarum browni*. U.S. Fish and Wildlife Service, Portland, OR. 112 pp.
- U.S. Fish and Wildlife Service. 1991. San Francisco Bay National Wildlife Refuge predator management plan and final environmental assessment. San Francisco Bay National Wildlife Refuge, Newark, CA. 54 pp.
- U.S. Fish and Wildlife Service. 1994. Endangered and threatened wildlife and plants; endangered or threatened status for five plants and the Morro shoulderband snail from western San Luis Obispo County, California. Federal Register 59:64613.
- U.S. Fish and Wildlife Service. 1997a. Endangered and threatened wildlife and plants; Determination of endangered status for two tidal marsh plants—*Cirsium hydrophilum* var. *hydrophilum* (Suisun thistle) and *Cordylanthus mollis* ssp. *mollis* (soft bird's-beak) from the San Francisco Bay Area of California. Federal Register 62(224):61916-61925.
- U.S. Fish and Wildlife Service. 1997b. Spill response contingency plan. U.S. Department of Interior, Fish and Wildlife Service, Washington, D.C.
- U.S. Fish and Wildlife Service. 1998. Recovery plan for the Morro shoulderband snail and four plants from western San Louis Obispo County, CA. U.S. Fish and Wildlife Service, Portland, OR. 75 pp.
- U.S. Fish and Wildlife Service. 1999. Morro Bay kangaroo rat (*Dipodomys heermanni morroensis*) draft revised recovery plan. Portland, OR. 96 pp.
- U.S. Fish and Wildlife Service. 2000. Policy regarding controlled propagation of species listed under the Endangered Species Act; notice of policy. Federal Register 65:56916-56922.
- U.S. Fish and Wildlife Service. 2002a. Recovery plan for the California red-legged frog (*Rana aurora draytonii*). Portland, OR. 173 pp.
- U.S. Fish and Wildlife Service. 2002b. Salinas River National Wildlife Refuge Comprehensive Conservation Plan. U.S. Fish and Wildlife Service, Newark, California.
- U.S. Fish and Wildlife Service. 2003. Evaluation of the Clean Water Act Section 304(a) human health criterion for methylmercury: protectiveness for threatened and endangered wildlife in California. US Fish and Wildlife Service, Sacramento Fish and Wildlife Office, Environmental Contaminants Division. Sacramento, California. 96 pp+ appendix.

- U.S. Fish and Wildlife Service. 2005. Recovery plan for the tidewater goby (*Eucyclogobius newberryi*). U.S. Fish and Wildlife Service, Portland, Oregon. vi + 199 pp.
- U.S. Fish and Wildlife Service. 2007a. Endangered and threatened wildlife and plants; Designation of critical habitat for *Cirsium hydrophilum* var. *hydrophilum* (Suisun thistle) and *Cordylanthus mollis* ssp. *mollis* (soft bird's-beak); Final Rule. Federal Register 72(70):18517-18553.
- U.S. Fish and Wildlife Service. 2007b. Recovery plan for the Pacific coast population of the Western Snowy Plover (*Charadrius alexandrinus nivosus*). In two volumes. Sacramento, California. xiv +751 pages.
- U.S. Fish and Wildlife Service. 2009a. Monitoring Plan for *Castilleja ambigua* ssp. *humboldtiensis* (Humboldt Bay owl's clover) at the Lanphere Dunes Unit, Humboldt Bay National Wildlife Refuge. May 6, 2009.
- U.S. Fish and Wildlife Service. 2009b. Record of Decision: South Bay Salt Pond Restoration Project Final Environmental Impact Statement. Don Edwards San Francisco Bay National Wildlife Refuge Alameda, Santa Clara, and San Mateo Counties, California. 10 pp.
- Van Dyke, E., and K. Wasson. 2005. Historical ecology of a central California estuary; 150 Years of Habitat Change. Esturaries 28:173-189.
- Van Rossem, A.J. 1929. The status of some pacific coast clapper rails. Condor 31:213-215.
- Vanderwier, J.M., and J.C. Newman. 1984. Observations of haustoria and host preference in *C. maritimus maritimus* ssp. *maritimus* at Mugu Lagoon. Madroño. 31:185-186.
- Varoujean, D.H. 1972. A study of the California clapper rail in Elkhorn Slough, 1972. Report for Calif. Dept. of Fish and Game. 9 pp.
- Venkatesan, M.I., R.P. de Leon, A. van Geen, and S.N. Luoma. 1999. Chlorinated hydrocarbon pesticides and polychlorinated biphenyls in sediment cores from San Francisco Bay. Marine Chemistry: 64, 85–97.
- Ver Planck, W.E. 1958. Salt in California. Bulletin 175. State of California Department of Natural Resources, Division of Mines. 168 pp.
- Waisel, Y. 1972. The biology of halophytes. New York. Academic Press.
- Warnock, N, M.A. Bishop, and J.Y. Takakawa. 2002. Spring shorebird migration, Mexico to Alaska. Final report 2002. Unpubl. Prog. Rep., Point Reyes Bird Observatory, Stinson Beach, CA and U.S. Geological Survey, Vallejo, CA.. Unpubl. Prog. Rep., Point Reyes Bird Observatory, Stinson Beach, CA 16pp.
- Warren, R.S., and W.A. Niering. 1993. Vegetation change on a northeast tidal marsh: Interaction of sea-level rise and marsh *accretion*. Ecology 74:96-103.
- Warwick, S.I., J.F. Bain, R. Wheatcroft, B.K. Thompson. 1989. Hybridization and introgression in *Carduus nutans* and *C. acanthoides* reexamined. Systematic Botany 14(4):476-494.
- Wells, H. 1983. Hybridization and *genetic* recombination of *Cirsium californicum* and *C. occidentale* (Asteraceae: Carduaceae). Madroño 30:12-30.

- Wells, L.E. 1995. Environmental setting and quarternary history of the San Francisco Estuary. *in:* Sanguines, E.M., and D. Anderson (eds.). Geology and hydrogeology of the south San Francisco Bay region. Pacific Section, SEPM.
- Wertz-Koerner, L.E. 1997. Demography and spatial analysis of salt marsh harvest mice *Reithrodontomys raviventris* inhabiting suboptimal habitat in San Pablo Bay. Unpubl. MS Thesis, University of California, Davis, CA. 84pp.

www.wetlandtracker.org

- Wiener, J.G., D.P. Krabbenhoft, G.H. Heinz, and A.M. Scheuhammer. 2002. Ecotoxicology of mercury. Chapter 16 *in:* Hoffman, D.J., B.A. Rattner, G.A. Burton, Jr., and J. Cairns, Jr. (eds.). Handbook of ecotoxicology, 2nd edition. CRC Press.
- Wilbur, S.R., and R.E. Tomlinson. 1976. The literature of the western clapper rails. Wildl. Res. Rpt. No. 194, U.S. Fish and Wildlife Service, Washington, DC.
- Wilkinson, R. (ed.). 2002. Preparing for a changing climate: the potential consequences of climate variability and change California. Report of the California Regional Assessment Group, for the U.S. Global Change Research Program, September 2002. Draft, 430 pp. Available: http://www.ncgia.ucsb.edu/pubs/CA_Report.pdf (accessed Dec. 2005).
- Williams, L. 1929. Notes on the feeding habits and behavior of the California clapper rail. Condor 31:52-56.
- Williams, L. 1957. Middle Pacific Coast Region Audubon field notes 11:427.
- Winter, J., and S.A. Laymon. 1979. Middle Pacific Coast Region. American Birds. 33:309-310.
- Wolfe, M.F., S. Schwarzbach, and R.A. Sulaiman. 1998. Effects of mercury on wildlife: a comprehensive review. Environmental Toxicology and Chemistry 17(2):146-160.
- Woodell, S.R.J. 1985. Salinity and seed germination patterns in coastal plants. Vegetatio 61(1-3):223-229.
- Woodhouse, W.W., Jr., E.D. Seneca, and S.W. Broome. 1976. Propagation and use of *Spartina alterniflora* for shoreline erosion abatement. U.S. army, Coastal Engineering Research Center, Fort Belvoir, VA, Technical report 76-2.
- Woodward-Clyde. 1996. San Francisco Bay area storm water runoff monitoring data analysis 1998-1995. Prepared for the Bay Area Stormwater Management Agencies Association (BASMAA).
- Zaremba, K. 2004. Spread of invasive *Spartina* in the San Francisco Estuary. Presentation at the Third International Conference on Invasive Spartina, November 10, 2004, San Francisco, CA. Update available: http://www.spartina.org/maps_findings.htm (Accessed Dec. 2005).
- Zedler, J.B. 1982. The ecology of southern California coastal salt marshes: a community profile. US Fish and Wildlife Service, Biological Services Program, Washington, DC, FWS/OBS-81/54.

- Zedler, J.B. 1984. Salt marsh restoration: a guidebook for Southern California. California Sea Grant Report No. T-CSGCP-009. 46 pp.
- Zedler, J.B., J. Covin, C. Nordby, P. Williams, and J. Boland. 1986. Catastrophic events reveal the dynamic nature of salt-marsh vegetation in southern California. Estuaries 9:75-80.
- Zembal, R., and J. M. Fancher. 1988. Foraging behavior and foods of the light-footed clapper rail. Condor 90:959-962.
- Zembal, R., and B.W. Massey. 1983. The light-footed clapper rail: Distribution, nesting strategies, and management. Cal-Neva Wildl. Trans. 1983:97-103.
- Zembal, R., and B.W. Massey. 1985. Function of a rail "mystery" call. Auk 102(1):179-180.
- Zembal, R., and B.W. Massey. 1987. Seasonality of vocalizations by light-footed clapper rails. J. Field Ornithol. 58(1):41-48.
- Zembal, R., B.W. Massey, and J.M. Fancher. 1989. Movements and activity patterns of the light-footed clapper rail. J. Wildl. Manage. 53:39-42.
- Zetterquist, D. 1976. The salt marsh harvest mice in marginal habitats. Unpublished Master's Thesis. San Jose State University, San Jose, CA. 66pp.
- Zetterquist, D. 1978. The salt marsh harvest mouse (*Reithrodontomys raviventris raviventris*) in marginal habitats. Wasmann J. Biol. 35:68-76.
- Zucca, J.J. 1954. A study of the California clapper rail. Wasmann Journal of Biology 12(2):135-153.

In Litt

- Albertson, Joy. 2006. Biologist. Don Edwards National Wildlife Refuge. Electronic mail from Joy Albertson to Valary Bloom. October 17, 2006.
- Albertson, Joy. 2009a. Biologist. Don Edwards National Wildlife Refuge. Electronic comments on administrative draft tidal marsh recovery plan sent from Joy Albertson to Valary Bloom on May 6, 2009.
- Albertson, Joy. 2009b. Biologist. Don Edwards National Wildlife Refuge. Electronic mail from Joy Albertson to Valary Bloom on February 13, 2009.
- Barthman-Thompson, Laureen. 2009. Biologist, California Department of Fish and Game. Stockton, California. Electronic mail from Laureen Barthman-Thompson to Valary Bloom on June 8, 2009.
- Baye, Peter. 1997- 2000. Marsh ecologist. Annapolis, California. Unpublished data.
- Baye, Peter. 2007. Marsh Ecologist. Annapolis, California. Electronic mail from Peter Baye to Valary Bloom on October 24, 2007.
- Baye, Peter. 2008. Marsh Ecologist. Annapolis, California. Electronic mail from Peter Baye to Valary Bloom on November 13, 2008.
- Baye, Peter. 2009. Marsh Ecologist. Annapolis, California. Electronic mail from Peter Baye to Valary Bloom on August 27, 2009.

- California Department of Fish and Game. Unpublished data.
- California Department of Fish and Game. 2000. Letter to Wayne S. White summarizes recent actions taken to fulfill the monitoring and mitigation requirements in Suisun Marsh. July 7, 2000.
- California Department of Water Resources. 1996. Letter to from Randall L. Brown, California Department of Water Resources to Joel Medlin, U.S. Fish and Wildlife Service regarding the U.S. Fish and Wildlife Service's proposed rule to list the Suisun thistle and soft bird's beak, dated October 15, 1996. 7 p.
- California Department of Water Resources. 2007. Electronic mail from Patty Quickert (Ca. Department of Water Resources) to Valary Bloom dated July 27, 2007, regarding use of managed marshes by salt marsh harvest mice.
- Casazza, M., J. Takekawa, C. Overton. 2009. Presentation to Sacramento Fish and Wildlife Office on May 13, 2009. "California Clapper Rail Research Supporting Species Recovery". Presented by U.S. Geological Survey.
- Downard, Giselle. Biologist. 2009a. San Pablo Bay National Wildlife Refuge. Electronic mail from Giselle Downard to Valary Bloom. February 9, 2009.
- Downard, Giselle. Biologist. 2009b. San Pablo Bay National Wildlife Refuge. Electronic mail from Giselle Downard to Valary Bloom. June 3, 2009.
- Estrella, Sarah. 2007. Biologist. California Department of Fish and Game. Electronic mail sent from Sarah Estrella to Valary Bloom on December 13, 2007.
- Estrella, Sarah. 2008. Bay Area Lepidium Science and Management Series (Day 2), October 29, 2008, Oakland, CA "Control of Perennial Pepperweed in Tidal Marshes and Plant Community Effects in Suisun Marsh". Presentation by Sarah Estrella, California Department of Fish and Game.
- Estrella, Sarah. 2009. Biologist. California Department of Fish and Game. Electronic mail sent from Sarah Estrella to Valary Bloom regarding new Suisun thistle location, dated May 1, 2009.
- Evens, Jules. 2007. Avocet Research Associates, Point Reyes Station, California. Electronic mail sent from Jules Evens to Jim Browning on September 25, 2007.
- Evens, Jules. 2009. Avocet Research Associates, Point Reyes Station, California. Electronic mail sent from Jules Evens to Valary Bloom on June 24, 2009.
- Fiedler, Peggy L. 1996. Letter sent from Peggy Fiedler, Associate Professor at San Francisco State University, to Joel Medlin. October 17, 1996.
- Fleischer, R. Unpublished data.
- Grewell, Brenda J. 2006a. Comments provided to SFWO on the proposed critical habitat designation for *Cirsium hydrophilum* var. *hydrophilum* and *Cordylanthus mollis* ssp. *mollis*. Submitted by electronic mail June 12, 2006.
- Grewell, Brenda. 2006b. USDA Agricultural Research Service, Plant Sciences Department, University of California, Davis, CA. Electronic mail sent to Valary Bloom on February 15, 2006.

- Grewell, Brenda J. 2009. USDA Agricultural Research Service, Plant Sciences Department, University of California, Davis, CA. Electronic mail sent from Brenda Grewell to Valary Bloom on January 23, 2009.
- Horenstein, J. 1987. Natural Diversity Database field survey form for *Cirsium hydrophilum* ssp. *hydrophilum* and associated notes in files at the California Department of Fish and Game.
- Huffman, Tom. 2009. California Department of Fish and Game, Habitat Supervisor for the Petaluma Marsh Wildlife Area and Napa-Sonoma Marshes Wildlife Area. Electronic mail sent from Tom Huffman to Karen Taylor on June 9, 2009.
- Johnson, Michael. Geneticist, University of California, Davis. Ca. Unpublished data.
- Pickart, Andrea. 2009. Biologist. Humboldt National Wildlife Refuge, Eureka, California. Electronic mail from Andrea Pickart to Valary Bloom on April, 20, 2009.
- Ruygt, J. 1993. Letter report to the Navy summarizing the results of a focused survey for soft bird-beak (*Cordylanthus mollis* ssp. *mollis*) at Mare Island. August.
- Sacks, B. 2009. University of California, Davis. Electronic mail from Ben Sacks to Valary Bloom dated April 21, 2009, regarding ancestry of North Bay and Suisun Bay red foxes.
- Shellhammer, Howard. Biologist. Unpublished data.
- Shellhammer, Howard. 2005. Electronic mail from Howard Shellhammer to Valary Bloom dated October 12, 2005, regarding advised minimum size of viable habitat areas.
- State Coastal Conservancy. 2007. Staff Recommendation September 20, 2007. Giacomini Wetland Restoration Project. File No. 07-055-01.
- U.S. Coast Guard. 2009. Memorandum, dated December 3, 2008, from U.S. Coast Guard stating availability of revision to Sector San Francisco Area Contingency Plan. Effective January 1, 2009. Made available to the public via Internet at www.dfg.ca.gov/ospr/.
- U.S. Fish and Wildlife Service. Unpublished data.
- U.S. Fish and Wildlife Service. 1993. Salinas River National Wildlife Refuge Predator Management Plan and Final Environmental Assessment. Unpublished report. U.S. Fish and Wildlife Service, Newark, CA.
- U.S. Fish and Wildlife Service. 1996. Official letter from Ecological Services, Sacramento Fish and Wildlife Office (Sacramento, CA) to Kay Miller, Executive Director, Alameda Reuse and Redevelopment Authority, Alameda, CA. 1-1-96-TA-1475.
- U.S. Geological Survey. Unpublished data.
- Villablanca, F.X., and S.K. Brown. 2004. Conservation Genetics of Salt Marsh Harvest Mice Final Report: Objective II. The Use of Molecular and Morphological Tools to determine if Salt Marsh Harvest Mice (*Reithrodontomys raviventris*) and Western Harvest Mice (*Reithrodontomys megalotis*) are Hybridizing. Agreement # 4600000979.
- Walgren, Michael. 2006. Park Ecologist, California Department of Parks and Recreation, Morro Bay, CA. Electronic mail sent by Michael Walgren to Valary Bloom. July 31, 2006.

Zembal, R. and B.W. Massey. Unpublished data.

Pers comm.

Albertson, Joy. 2000, 2006. U.S. Fish and Wildlife Service, Don Edwards San Francisco Bay National Wildlife Refuge, Newark, CA. Telephone conversation.

Baye with D. Smith, S. Klohr pers. observ. 2000

Baye, Peter. 2004, 2007. Marsh ecologist. Annapolis, California. Telephone conversation.

Bloom pers. observ. 2008

Didonato, Joe. East Bay Regional Park District, Hayward, CA.

Duke, Ron. 2005. Principal at HT Harvey and Associates. August 9, 2005. Telephone conversation.

Enright, Chris. 2005. California Department of Water Resources. Telephone conversation.

Faber, Phyllis. 1998. Concerned citizen. Mill Valley, CA.

Grewell, Brenda. 2000, 2007. USDA Agricultural Research Service, Plant Sciences Department, University of California, Davis, CA. Telephone conversation.

Grossinger, Robin. 2000. San Francisco Estuary Institute. Telephone conversation.

Harris, Stan. Humboldt State University, Arcata, CA.

Heckard, Lawrence R. 1986. Research Botanist/Curator, University of California, Berkeley, CA.

Heimbinder, Erin. 1999. National Park Service. Telephone conversation.

Herr, John. 1998. Division of Insect Biology, University of California, Berkeley, CA. Telephone conversation.

Klohr, Shannon. Invasive Spartina Project. Oakland, CA

Malamud-Roam, Karl. 1998, 1999. Contra Costa County Mosquito and Vector Control, Concord, CA. Telephone conversation.

Pickart, Andrea. 1998. U.S. Fish and Wildlife Service, Humboldt National Wildlife Refuge, Eureka, CA. Telephone conversation.

Renz, Mark. 1999. New Mexico State University. Telephone conversation.

Shellhammer, Howard. 1998, 2005. San Jose State University, San Jose, CA. Telephone conversations.

Smith, Doreen. 1998, 2000. East Bay Regional Park District. Telephone conversations.

Takekawa, John. U.S. Geological Survey, SF Estuary Field Station, Vallejo, CA.

Thabault, Michael. 2001. U.S. Fish and Widlife Service. Personal observation.

Vanderweir, Julie. 2009. Biologist. U.S. Fish and Widlife Service. Personal conversation.

Walgren, Michael. 2005. Park Ecologist, California Department of Parks and Recreation, Morro Bay, CA. Telephone conversation.

Wilcox, Carl. 2005. California Department of Fish and Game, Yountville, CA. Telephone conversation.

Zembal, Richard. U.S. Fish and Wildlife Service, Laguna Niguel, CA